

Table 1.— Preliminary estimates of passage by brood-year (BY) and run for unmarked juvenile Chinook salmon and steelhead trout captured by rotary-screw traps at Red Bluff Diversion Dam (RK391), Sacramento River, CA, for the dates listed below. Results include estimated passage, peak river discharge volume, water temperature, turbidity, and fork length (mm) range in parentheses. A dash (-) indicates that sampling was not conducted on that date.

Date	Discharge volume (cfs) ¹	Water temperature (°C)	Water turbidity (NTU)	Estimated passage				
				BY08 Fall	BY09 Late-fall	BY09 Winter	BY08 Spring	BY09 Steelhead
7/2/09	13,500	15.5	2.6	16,084 (62 – 101)	795 (36 – 61)	0 (–)	0 (–)	436 (42 – 116)
7/3/09	13,500	15.7	2.8	18,439 (62 – 102)	330 (37 – 60)	0 (–)	0 (–)	655 (46 – 108)
7/4/09	13,200	15.7	–	–	–	–	–	–
7/5/09	13,300	15.9	–	–	–	–	–	–
7/6/09	13,300	15.7	3.0	20,719 (63 – 102)	898 (56 – 62)	71 (33)	0 (–)	539 (27 – 75)
7/7/09	13,300	15.4	2.9	23,018 (64 – 105)	753 (49 – 63)	0 (–)	0 (–)	446 (48 – 104)
7/8/09	13,400	15.2	2.4	23,256 (64 – 107)	586 (58 – 63)	0 (–)	0 (–)	291 (53 – 94)
7/9/09	13,400	15.1	2.7	20,978 (65 – 114)	620 (52 – 64)	77 (31)	0 (–)	383 (32 – 76)
7/10/09	13,400	14.9	2.4	18,533 (65 – 111)	1,373 (54 – 64)	0 (–)	0 (–)	721 (33 – 104)
7/11/09	13,500	15.2	2.5	18,373 (65 – 103)	540 (61 – 64)	78 (30)	0 (–)	460 (35 – 93)
7/12/09	13,700	15.2	–	–	–	–	–	–
7/13/09	13,600	15.3	–	–	–	–	–	–
7/14/09	13,400	15.5	2.8	15,285 (67 – 105)	730 (58 – 66)	0 (–)	0 (–)	1,530 (27 – 85)
7/15/09	13,300	15.3	2.5	14,941 (67 – 112)	931 (56 – 66)	88 (33)	0 (–)	1,030 (36 – 72)
Biweekly total ²				265,476	10,578	436	0	9,087
<i>Biweekly Lower 90% Confidence Interval</i>				-49,767	-4,849	-1,388	0	-4,596
<i>Biweekly Upper 90% Confidence Interval</i>				580,719	26,005	2,260	0	22,770
Brood-year total				8,986,226	43,978	314	165,003	26,884
<i>Brood-year Lower 90% Confidence Interval</i>				4,308,730	20,348	-174	66,975	10,452
<i>Brood-year Upper 90% Confidence Interval</i>				13,663,721	67,608	802	263,031	43,317

¹ Peak daily discharge values do not account for diversions at RBDD and only represent peak flows registered at the Bend Bridge Gauging station (<http://cdec2.water.ca.gov/cgi-progs/queryFxBDD>).

² Biweekly totals may be greater than the sum of the daily estimates presented in this table if sampling was not conducted on each day of the biweekly period. A dash (-) denotes those dates. To estimate daily passage for days that were not sampled, we impute missed sample days with the weekly mean value of days sampled within the week.